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CENTRAL INTELLIGENCE AGENCY

REPORT [REDACTED]

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INFORMATION REPORT

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1. In the GDR, the most important institute concerned with aerodynamics is the Institute for Applied Mathematics (Institut fuer angewandte Mathematik) of the German Academy of Sciences. This Institute is under the direction of Prof. Dr. Kurt Schroeder and employs approximately 15 scientists. The group is currently engaged in the solution of boundary layer problems, frequency and probability problems, the mathematics of turbine construction and problems connected with the vibrations of the propulsion units of aircraft.
2. Prof. Schroeder is a former member of the German Office of Aeronautical Research (Deutsche Versuchsanstalt fuer Luftfahrt - DVL) and is the leading aerodynamicist in Germany. [REDACTED]
3. Only two scientists employed at the Institute are important. They are Dr. Bader (fnr) [REDACTED] who is a specialist in exterior ballistics and Dr. Weigand (fnr) [REDACTED] who is a specialist in vibration problems.
4. Prof. Schroeder is also director of the Institute for Applied Mathematics (Institut fuer angewandte Mathematik) at Humboldt University in East Berlin where he teaches from 200 to 300 students.
5. The Mathematics Institute (Institut fuer Mathematik) at the University of Halle is under the direction of Prof. Dr. Hans Schubert. [REDACTED]
[REDACTED] The Institute at Halle has approximately 200 students.
6. The Institute for Mathematics (Institut fuer Mathematik) at the Technical University in Dresden is under the direction of Prof. Dr. Karl Marun [REDACTED]. Prof. Marun is a specialist in hydrodynamics and potential theory. [REDACTED]

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7. The second man of importance at Dresden is Prof. Klaus Krienas who is on the staff of the Institute for Mathematical Physics (Institut fuer Mathematische Physik). He is interested in propeller problems.
8. The Institute for Applied Mathematics and Mechanics (Institut fuer angewandte Mathematik und Mechanik) at the University of Jena is under the direction of Prof. Ernst Weinel who specializes in flow problems and strength of materials.
9. All of the men mentioned above are leaders in their field and have available to them all the latest information available in the West.

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